



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/523,851	02/07/2005	Wolfgang Fuchs	3190	4408
7590	11/19/2007			
Striker Striker & Stenby 103 East Neck Road Huntington, NY 11743			EXAMINER PRONE, JASON D	
			ART UNIT 3724	PAPER NUMBER
			MAIL DATE 11/19/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/523,851	FUCHS ET AL.
	Examiner	Art Unit
	Jason Prone	3724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 19 September 2007.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-9 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 07 February 2005 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10/31/07 & 11/1/07</u> | 6) <input checked="" type="checkbox"/> Other: <u>Appendix A</u> |

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statements (IDS) submitted on 10/31/07 and 1/01/07 are duplicates of one another. The examiner is considering the information disclosure statements however applicant will receive a copy of one of the statements initialed and signed while the other statement will have lined out the duplicate references.

Specification

2. The disclosure is objected to because of the following informalities: in the response received 9/19/07, the newly added paragraph at page 2 line 6 incorporates reference numerals in brackets, i.e. (1), while the rest of the specification does not put brackets around the reference numerals. All the reference numerals in the specification must all have the brackets or must all be without brackets.

Appropriate correction is required.

Claim Objections

3. Claims 4 and 6 are objected to because of the following informalities: The addition of the term "another" in claim 4 is not correct since claim 4 is referring to the same reinforcing element as disclosed in claim 1. Claim 4 should be replace with "The base plate (1) as recited in claim 1, wherein said at least one of said plurality of reinforcing elements embodies as said stop surface is configured as a circumferential collar (6) that forms the stop surface (12)." In claims 4 and 6, the phrase (6,7) should be deleted. In claim 6, the phrase "wherein one of said plurality" should be replaced with "wherein another one of said plurality".

Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1, 4, 6, 7, and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Braunbach et al. (5,678,314). Please see Appendix A for examiner added reference numerals.

In regards to claim 1, Braunbach et al. disclose the invention including a base plate for a circular saw (11) comprised of a metal sheet (Column 5 lines 34-39), a plurality of reinforcing elements that protrude (600, 700), at least one of the reinforcing elements is embodied in the form of a lateral stop surface (650) and having attaching elements that protrude out from the plane and are capable for fastening the base plate to a miter angle (800), and the metal sheet is configured as a stamped and benta metal sheet composed of a light metal alloy (Column 5 lines 34-39) and the entire base plate is embodied in one piece (11).

In regards to claims 4, 6, 7, and 9, Braunbach et al. disclose the reinforcing element is configured as a circumferential collar (600) that forms the lateral stop surface (650), another of the plurality of reinforcing elements is embodied in the form of a crease (700), projections (900) and a threaded dome (95) for guiding and positioning a

Art Unit: 3724

parallel cutting guide (15), a guide channel (70), and a stamping and bending process (Column 5 lines 34-39).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. Claims 2 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Braunbach et al. with evidence patent EP 1428636 and applicant's admitted prior art. Braunbach et al discloses the invention but is silent with respect to thickness dimensions. However, it is clear that the thickness of Braunbach et al. would be on the same order as the claim thicknesses. On page 6 of the specification, applicant states "stamped components typically require material thicknesses of greater than 5mm. However the word "typically" allows one to interpret the fact that typical thicknesses are above 5mm but are known to be below 5mm (i.e. 3mm). In light of this and EP 1428636 clearly discloses that weight of the base plate is an issue (lines 1-2 of [0032]), one of ordinary skill in the art would have clearly reduced the thickness for another way of reducing the weight of the base. It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate a 3mm thickness, since it has been held that where the general conditions of a claim are disclosed in the prior art, discovering the optimum or workable ranges involves only routine skill in the art. *In re Aller*, 105 USPQ 233. Also, it would have been obvious to one of ordinary skill to

experiment with reduced/increased thicknesses to be able to perform specific intended uses better. The claim would have been obvious because a person of ordinary skill has good reason to pursue the known options within technical grasp. If this leads to the anticipated success, it is likely the product is not of innovation but of ordinary skill and common sense. In this case, it is common sense to reduce the thickness to reduce the weight.

8. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Braunbach et al. in view of EP 1428636. Braunbach et al. disclose the invention but fail to disclose the metal sheet is an aluminum alloy.

EP 1428636 teaches that it is old and well known in the art of power tool base plates to incorporate an aluminum alloy (lines 1-2 of [0032]). Therefore, it would have been obvious to one of ordinary skill in the art, at the time of the invention, to have provided Braunbach et al. with an aluminum alloy base, as taught by EP 1428636, to reduce the weight.

9. Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Braunbach et al. in view of Lewin et al. (6,691,418). Braunbach et al. disclose the invention but fail to disclose connecting elements for an angle adjustment and the connecting elements have bores that define a rotation axis for an angle adjustment.

Lewin et al. teach it is old and well known in the art of circular saw base plates to incorporate connecting elements for an angle adjustment (62 and 48) and the connecting elements have bores that define a rotation axis for the angle adjustment (Fig. 8). Therefore, it would have been obvious to one of ordinary skill in the art, at the

time of the invention, to have provided Braunbach et al. with the connecting elements, as taught by Lewin et al., to allow the user to adjust the angle of the saw and because all claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective function and the combination would have yielded predictable results.

Response to Arguments

10. Applicant's arguments with respect to claims 1-9 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Art Unit: 3724

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason Prone whose telephone number is (571) 272-4513. The examiner can normally be reached on 8:00-5:30, Mon - (every other) Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Boyer D. Ashley can be reached on (571) 272-4502. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

November 07, 2007



Patent Examiner
Jason Prone
Art Unit 3724
T.C. 3700

Appendix A